

I Claim:

1. A cutting device, comprising:
 - (a) a rotatable base;
 - (b) said base defining a plurality of closed-sided, tooth sockets;
 - (c) a plurality of tooth assemblies mounted within respective sockets, each tooth assembly comprising a tooth holder having a base-engaging portion adapted to fit into said socket, and a cutting tip projecting from said rotatable base for engaging and cutting an object.
2. A cutting device according to claim 1, wherein said tooth socket defines a recessed box comprising a generally flat bottom and four upright sides.
3. A cutting device according to claim 2, wherein the base-engaging portion of said tooth holder resides closely adjacent all four sides of said socket.
4. A cutting device according to claim 3, wherein said recessed box is substantially rectangular.

5. A cutting device according to claim 4, wherein said recessed box has a length dimension and a width dimension, said length dimension being greater than 2 times said width dimension.

6. A cutting device according to claim 5, wherein the depth of said tooth socket is greater than 1/16 inches.

7. A cutting device according to claim 1, wherein said cutting tip, tooth holder, and socket define respective axially-aligned openings adapted for receiving an elongated fastener for securing said cutting tip and tooth holder to said rotatable base.

8. A cutting device, comprising:

- (a) a rotatable disk having first and second opposing major surfaces;
- (b) said disk defining a plurality of closed-sided, tooth sockets formed with each of said first and second major surfaces;
- (c) a plurality of tooth assemblies mounted within respective sockets, each tooth assembly comprising a tooth holder having a disk-engaging portion adapted to fit into said socket, and a cutting tip projecting from said rotatable base for engaging and cutting an object.

9. A cutting device according to claim 8, wherein said tooth sockets are arranged to receive respective tooth assemblies in matched pairs on opposing major surfaces of said rotatable disk.

10. A cutting device according to claim 9, wherein said cutting tip and tooth holder of each matched pair of tooth assemblies and said corresponding tooth sockets define respective axially-aligned openings adapted for receiving an elongated fastener for securing said cutting tip and tooth holder of each matched pair to said rotatable disk.

11. A cutting device according to claim 8, wherein said tooth socket defines a recessed box comprising a generally flat bottom and four upright sides.

12. A cutting device according to claim 11, wherein the base-engaging portion of said tooth holder resides closely adjacent all four sides of said socket.

13. A cutting device according to claim 12, wherein said recessed box is substantially rectangular.

14. A cutting device according to claim 13, wherein said recessed box has a length dimension and a width dimension, said length dimension being greater than 2 times said width dimension.

15. A cutting device according to claim 14, wherein the depth of said tooth socket is greater than 1/16 inches.

16. A rotatable cutting disk having first and second opposing major surfaces, and defining a plurality of closed-sided, tooth sockets formed with each of said first and second major surfaces, said tooth sockets adapted for receiving respective tooth assemblies applicable for engaging and cutting an object.

17. A rotatable cutting disk according to claim 16, wherein said tooth socket defines a recessed box comprising a generally flat bottom and four upright sides.

18. A rotatable cutting disk according to claim 17, wherein said recessed box is substantially rectangular.

19. A rotatable cutting disk according to claim 18, wherein said recessed box has a length dimension and a width dimension, said length dimension being greater than 2 times said width dimension.

20. A rotatable cutting disk according to claim 19, wherein the depth of said tooth socket is greater than 1/16 inches.